

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"730960".ap.	US-PGPUB	OR	ON	2006/12/12 09:20
S2	3	("5261055"   "6035346"   "6295053").PN.	USPAT	OR	ON	2006/12/12 09:23
S3	13	("4660170"   "5379049"   "5602567"   "5691741"   "6020904"   "6100906"   "6104360").PN. OR ("6295053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 09:25
S4	3841857	memory storage RAM ROM	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:25
S5	622565	\$4programm\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:25
S6	1067845	processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:25
S7	2777550	monitor display	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:26
S8	10380	S4 SAME S5 SAME S6 SAME S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:26
S9	1505	S4 WITH S5 WITH S6 WITH S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:30
S10	45	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2006/12/12 10:27
S11	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/12 10:27

S12	0	S4 WITH S5 WITH S6 WITH serial	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:30
S13	164	S4 WITH S5 WITH S6 WITH serial	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:32
S14	12	S4 WITH S5 WITH S6 WITH serial with general	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:32
S15	11	("5784649"   "5822553"   "5835761"   "6137243"   "6138240"   "6141489"   "6268845"   "6289466"   "6295053"   "6339819"). PN. OR ("6661411").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 10:41
S16	6	("6011546"   "6268845"   "6295053"   "6302795"   "6525667"   "6567845"). PN. OR ("6697058").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 10:44
S17	133539	(monitor display) near2 (controller processor)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:24
S18	6394	S17 SAME S5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:25
S19	2287	S18 SAME S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:25
S20	13639	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 11:26
S21	57	S19 AND S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:26
S22	0	("2004/0181789").URPN.	USPAT	OR	ON	2006/12/12 11:54

S23	50	("4267569" "4314354" "4600988" "5297247" "5479055" "4395764" "4402064" "4460974" "4506346" "4588880" "4873980" "4875230" "5283759" "5298724" "5299152" "5321845" "5428808" "5452229" "5453736" "5468680" "5525898" "5594698" "5603084" "5687081" "5784637" "5786991" "5890086" "5986467" "6028445" "6049222" "6055184" "6242944" "6438462" "3812470" "4249211" "4250386" "4250558" "4271432" "4270532" "4275441" "4279421" "4282446" "4282872" "4291385" "4291326" "4295027" "4298934" "4300108" "4301511" "4303179" ).pn.	USPAT	OR	ON	2006/12/12 12:00
S24	34	reprogram\$4 near3 monitor near3 function	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:09
S25	621	program\$4 near3 monitor near3 function	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:10
S26	30	S25 SAME (ROM RAM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:10
S27	0	(separate near2 programming near2 circuit) SAME (ROM RAM) SAME (monitor display)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:25
S28	0	(separate near2 programming near2 circuit) SAME (monitor display)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:25
S29	27	(separate near2 programming near2 circuit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:26

S30	2	(separate near2 firmware near2 circuit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:26
S31	127	external near2 programming near2 circuit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:29
S32	3	S31 SAME (ROM RAM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:31
S33	15	("20030009651"   "20030061409"   "20030177223"   "20040061147"   "4956771"   "5583964"   "5640107"   "5784636"   "5892962"   "6049222"   "6096091"   "6308311"   "6326806"   "6704816"   "6839873").PN.	US-PGPUB; USPAT	OR	ON	2006/12/12 12:32
S34	56990	(upgrad\$3 updat\$3 reprogram\$4) near4 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:38
S35	4032	S34 with (monitor display screen)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:21
S36	178	S34 with (monitor display screen crt lod ) adj device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:21
S37	13639	((717/168,171-173) or (710/1,15) or (345/204-215,501,519-520,690-699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 15:22
S38	11	S36 and S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:22

S39	21	S36 SAME processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:30
S40	42591	(upgrad\$3 updat\$3 reprogram\$4) near2 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:38
S41	19	S40 SAME (separate NEAR2 (processor CPU))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:39
S42	601	(monitor near2 (firmware program)) SAME (ROM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:45
S43	1273	((monitor display) near2 (firmware program)) SAME (ROM) SAME (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:48
S44	8	S43 SAME separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:48
S45	31	S43 AND S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:48
S46	2	("6295053").PN. OR ("6577301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 15:59
S47	54	("4116518"   "4116519"   "4648076"   "4698750"   "4720812"   "4855954"   "4879688"   "4896296"   "4970692"   "5003510"   "5155833").PN. OR ("5261055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 16:02
S48	26	((first NEAR4 (link port)) WITH (first NEAR4 protocol)) SAME ((second NEAR4 (link port)) WITH (second NEAR4 protocol)) SAME ((third NEAR4 (link port)) WITH (third NEAR4 protocol))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 16:29

S49	742	transfer\$3 WITH (program firmware) WITH processor WITH interface	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:41
S50	9	S49 WITH outside	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:41
S51	6	S49 WITH separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:56
S52	361	S49 WITH memory	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:35
S53	3	S52 SAME VGA	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:42
S54	72	S52 with circuit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:45
S55	76	(programmable NEAR2 memory) WITH separate WITH (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:55
S56	3	(programmable NEAR2 memory) NEAR3 separate NEAR3 (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:47
S57	10	(programmable NEAR2 memory) NEAR4 separate NEAR4 (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:47
S58	7	S57 NOT S56	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:47

S59	53269	program near memory	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:53
S60	11	S59 WITH (processor CPU) WITH interface WITH separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S61	29	S52 SAME monitor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:21
S62	17	S49 WITH (without)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:22
S63	5	update with firmware with (without separate) with processor with memory	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:31
S64	13733	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:34
S65	17	S49 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:34
S66	10	S52 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S67	1	S55 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S68	28	(program\$5 NEAR2 memory) WITH (processor CPU) WITH interface WITH separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36

S69	0	(programmable NEAR2 memory) WITH by\$1pass WITH (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:55
S70	1	(programmable NEAR2 memory) WITH bypass WITH (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:55
S71	2752328	S49 bypass\$3 separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:56
S72	1	S49 WITH bypass\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:57
S73	355	(upgrad\$3 updat\$3) WITH (firmware program) WITH (through via) WITH (controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:58
S74	19	S73 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 11:01
S75	1	"5968141".pn.	USPAT	OR	ON	2006/12/28 11:02
S76	13	("5581716"   "5592640"   "5687346"   "5809224"   "5812857").PN. OR ("5968141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:03
S77	27	("5408624"   "5457651"   "5459850"   "5603056"   "5661848"   "5664156"   "5675761"   "5696931"   "5701450"   "5729683"   "5761460"   "5784390"   "5805882"   "5920884"   "5968141"   "6170043"   "6289397"   "6304925"   "6418501"   "6434034").PN. OR ("6507881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 10:02
S78	47	((MIN-SU) near2 (KIM)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/29 12:13
S79	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/29 12:14



S80	69	write NEAR3 complete NEAR3 indication	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 12:02
S81	50	("3898373" "3568160" "3573743" "3576541" "3579192" "3609700" "3610896" "3611312" "3614766" "3639690" "3641516" "3665404" "3735105" "3737868" "3746845" "3761902" "3771134" "3774167" "3778775" "3781825" "3803557" "3812470" "3813649" "3818453" "3827030" "3828324" "3839705" "3847284" "3858085" "3858217" "3889054" "3892957" "3900834" "3930233" "3938104" "3942157" "3942158" "3946216" "3959600" "3959776" "3967097" "3971925" "3983539" "3983541" "3997879" "4002887" "4009379" "4014275" "4016557" "4017001" ).pn.	US-PGPUB; USPAT	OR	ON	2007/06/27 12:50
S82	50	("4267569" "4314354" "4600988" "5297247" "5479055" "4395764" "4402064" "4460974" "4506346" "4588880" "4873980" "4875230" "5283759" "5298724" "5299152" "5321845" "5428808" "5452229" "5453736" "5468680" "5525898" "5594698" "5603084" "5687081" "5784637" "5786991" "5890086" "5986467" "6028445" "6049222" "6055184" "6242944" "6438462" "3812470" "4249211" "4250386" "4250558" "4271432" "4270532" "4275441" "4279421" "4282446" "4282872" "4291385" "4291326" "4295027" "4298934" "4300108" "4301511" "4303179" ).pn.	US-PGPUB; USPAT	OR	ON	2007/06/27 12:02
S83	1	"6839774".pn.	USPAT	OR	ON	2007/06/27 12:06

S84	12	("5398208"   "5493534"   "5835706"   "5872994"   "5950222"   "6032221"   "6032237"   "6201733"   "6226724"   "6493271"   "6516366").PN. OR ("6839774").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/27 12:07
S85	3	external NEAR3 programm \$3 NEAR3 complete NEAR3 signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:37
S86	88	programm\$3 NEAR3 complete NEAR3 signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:37
S87	3	external NEAR3 programm \$3 NEAR3 (complete finish \$3) NEAR3 signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:38
S88	54	external WITH programm \$3 WITH (complete finish \$3) WITH signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:38
S89	800	(confirm\$3 complet\$3 finish \$3 done) WITH (program \$4 stor\$3 writ\$3) WITH memory WITH signal WITH (host external)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:01
S90	0	S89 AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:01
S91	55	(external) AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:02
S92	3	(external with complet\$3) AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:02
S93	0	(external with finish\$3) AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:02

S94	0	(host with complet\$3) AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:03
S95	4	(host) AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:03
S96	70	(complet\$3) AND (S82 S81)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:03
S97	146	(buffer NEAR2 word NEAR2 size)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 17:12
S98	9	(buffer NEAR2 word NEAR2 size) SAME program	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 17:12
S99	52	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:40
S100	2	((SANG-HA) near2 (HWANG)). INV.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:41
S101	57	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2008/01/08 12:59
S102	2	((SANG-HA) near2 (HWANG)). INV.	US-PGPUB; USPAT	OR	ON	2008/01/08 12:59
S103	50	("3898373" "3568160" "3573743" "3576541" "3579192" "3609700" "3610896" "3611312" "3614766" "3639690" "3641516" "3665404" "3735105" "3737868" "3746845" "3761902" "3771134" "3774167" "3778775" "3781825" "3803557" "3812470" "3813649" "3818453" "3827030" "3828324" "3839705" "3847284" "3858085" "3858217" "3889054" "3892957" "3900834" "3930233" "3938104" "3942157" "3942158" "3946216" "3959600" "3959776" "3967097" "3971925" "3983539" "3983541")	US-PGPUB; USPAT	OR	ON	2008/01/08 13:01

		"3997879" "4002887" "4009379" "4014275" "4016557" "4017001" ).pn.				
S104	50	("4267569" "4314354" "4600988" "5297247" "5479055" "4395764" "4402064" "4460974" "4506346" "4588880" "4873980" "4875230" "5283759" "5298724" "5299152" "5321845" "5428808" "5452229" "5453736" "5468680" "5525898" "5594698" "5603084" "5687081" "5784637" "5786991" "5890086" "5986467" "6028445" "6049222" "6055184" "6242944" "6438462" "3812470" "4249211" "4250386" "4250558" "4271432" "4270532" "4275441" "4279421" "4282446" "4282872" "4291385" "4291326" "4295027" "4298934" "4300108" "4301511" "4303179" ).pn.	US-PGPUB; USPAT	OR	ON	2008/01/08 13:01
S105	4	(host) AND (S104 S103)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:01
S106	4	(programmable NEAR2 memory) NEAR3 separate NEAR3 (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:01
S107	4239121	memory storage RAM ROM	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:02
S108	708524	\$4programm\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:02
S109	1213344	processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:02

S110	13	S107 WITH S108 WITH S109 WITH serial with general	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:02
S111	147	external near2 programming near2 circuit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:03
S112	3	S111 SAME (ROM RAM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:03
S113	68690	(upgrad\$3 updat\$3 reprogram\$4) near4 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:03
S114	235	S113 with (monitor display screen crt lcd ) adj device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:03
S115	15624	((717/168,171-173) or (710/1,15) or (345/204-215,501,519-520,690-699)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/08 13:03
S116	18	S114 and S115	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 13:03
S117	76751	(upgrad\$3 updat\$3 reprogram\$4) near4 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:07
S118	260	S117 with (monitor display screen crt lcd ) adj device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:07
S119	17244	((717/168,171-173) or (710/1,15) or (345/204-215,501,519-520,690-699)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/04 10:07

S120	20	S118 and S119	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:07
S121	2378	(receiv\$3 WITH (address \$3) WITH (controller)) SAME (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:23
S122	39	(receiv\$3 WITH (address \$3) WITH (controller)) SAME S117	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:23
S123	40	S121 AND S119	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:31
S124	1541	(decod\$3 WITH (address \$3) WITH (controller)) SAME (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:31
S125	6	S124 SAME (by\$1pass\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 10:32
S126	217	memory NEAR3 controller NEAR3 decod\$3 NEAR3 (command message)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 11:59
S127	4	S126 and S119	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 11:59
S128	12	(memory NEAR3 controller WITH decod\$3 NEAR3 (command message)) AND S119	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/04 12:00
S129	68	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2008/09/04 13:19
S130	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2008/09/04 13:19
S131	76	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:41
S132	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:41

S133	18688	((717/168,171-173) or (710/1,15) or (345/204-215,501,519-520,690-699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/01 14:46
S134	12	(memory NEAR3 controller WITH decod\$3 NEAR3 (command message)) AND S133	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:46
S135	1696	(decod\$3 WITH (address \$3) WITH (controller)) SAME (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:46
S136	6	S135 SAME (by\$1pass\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:46
S137	2534	(receiv\$3 WITH (address \$3) WITH (controller)) SAME (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47
S138	41	S137 AND S133	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47
S139	83345	(upgrad\$3 updat\$3 reprogram\$4) near4 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47
S140	295	S139 with (monitor display screen crt lcd ) adj device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47
S141	18688	((717/168,171-173) or (710/1,15) or (345/204-215,501,519-520,690-699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/01 14:47
S142	21	S140 and S141	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47

S143	33	(separate near2 programming near2 circuit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47
S144	50	("3898373" "3568160" "3573743" "3576541" "3579192" "3609700" "3610896" "3611312" "3614766" "3639690" "3641516" "3665404" "3735105" "3737868" "3746845" "3761902" "3771134" "3774167" "3778775" "3781825" "3803557" "3812470" "3813649" "3818453" "3827030" "3828324" "3839705" "3847284" "3858085" "3858217" "3889054" "3892957" "3900834" "3930233" "3938104" "3942157" "3942158" "3946216" "3959600" "3959776" "3967097" "3971925" "3983539" "3983541" "3997879" "4002887" "4009379" "4014275" "4016557" "4017001" ).pn.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:47
S145	50	("4267569" "4314354" "4600988" "5297247" "5479055" "4395764" "4402064" "4460974" "4506346" "4588880" "4873980" "4875230" "5283759" "5298724" "5299152" "5321845" "5428808" "5452229" "5453736" "5468680" "5525898" "5594698" "5603084" "5687081" "5784637" "5786991" "5890086" "5986467" "6028445" "6049222" "6055184" "6242944" "6438462" "3812470" "4249211" "4250386" "4250558" "4271432" "4270532" "4275441" "4279421" "4282446" "4282872" "4291385" "4291326" "4295027" "4298934" "4300108" "4301511" "4303179" ).pn.	US-PGPUB; USPAT	OR	ON	2009/04/01 14:47



S146	70	(complet\$3) AND (S145 S144)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/01 14:47
S147	86	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2009/09/08 14:35
S148	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2009/09/08 14:36
S149	34	(separate near2 programming near2 circuit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 14:37
S150	50	("3898373" "3568160" "3573743" "3576541" "3579192" "3609700" "3610896" "3611312" "3614766" "3639690" "3641516" "3665404" "3735105" "3737868" "3746845" "3761902" "3771134" "3774167" "3778775" "3781825" "3803557" "3812470" "3813649" "3818453" "3827030" "3828324" "3839705" "3847284" "3858085" "3858217" "3889054" "3892957" "3900834" "3930233" "3938104" "3942157" "3942158" "3946216" "3959600" "3959776" "3967097" "3971925" "3983539" "3983541" "3997879" "4002887" "4009379" "4014275" "4016557" "4017001" ).pn.	US-PGPUB; USPAT	OR	ON	2009/09/08 14:37
S151	50	("4267569" "4314354" "4600988" "5297247" "5479055" "4395764" "4402064" "4460974" "4506346" "4588880" "4873980" "4875230" "5283759" "5298724" "5299152" "5321845" "5428808" "5452229" "5453736" "5468680" "5525898" "5594698" "5603084" "5687081" "5784637" "5786991" "5890086" "5986467" "6028445" "6049222" "6055184" "6242944" "6438462" "3812470"	US-PGPUB; USPAT	OR	ON	2009/09/08 14:37

		"4249211" "4250386" "4250558" "4271432" "4270532" "4275441" "4279421" "4282446" "4282872" "4291385" "4291326" "4295027" "4298934" "4300108" "4301511" "4303179" ).pn.				
S152	70	(complet\$3) AND (S151 S150)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 14:37
S153	88542	(upgrad\$3 updat\$3 reprogram\$4) near4 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 14:37
S154	316	S153 with (monitor display screen crt lcd ) adj device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 14:37
S155	19937	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 14:37
S156	24	S154 and S155	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 14:37
S157	19937	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 15:12
S158	246	memory NEAR3 controller NEAR3 decod\$3 NEAR3 (command message)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 15:12
S159	4	S158 and S157	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 15:12

S160	35	((RAM ROM memory NEAR2 (controller (control \$4 NEAR2 circuit))) NEAR4 (decod\$4) NEAR4 ((command access instruction) NEAR2 (information type))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 10:42
S161	140	((RAM ROM memory access) NEAR2 (controller (control\$4 NEAR2 circuit))) WITH (decod\$4) WITH ((command access instruction) NEAR2 (information type))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 10:48
S162	21043	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/21 10:52
S163	2	S161 AND S162	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 10:52
S164	51	((RAM ROM memory access) NEAR2 (controller (control\$4 NEAR2 circuit))) NEAR5 (decod\$4) NEAR5 ((command access instruction) NEAR2 (information type))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 10:53
S165	16	S164 NOT S160	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 10:53
S166	5	((RAM ROM memory access) NEAR2 (controller (control\$4 NEAR2 circuit))) WITH (decod\$4) WITH ((command access instruction) NEAR2 (information type)) WITH only	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 11:00
S167	64	((RAM ROM memory) NEAR2 (controller (control \$4 NEAR2 circuit))) NEAR8 (decod\$4 separat\$5) NEAR8 ((command access instruction) NEAR2 (information type))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 11:09

S168	29	S167 NOT S160	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 11:10
S169	285	((RAM ROM memory access) NEAR2 (controller (control\$4 NEAR2 circuit))) NEAR5 (receiv\$4) NEAR5 ((command access instruction) NEAR2 (information type))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 11:52
S170	0	((RAM ROM memory access) NEAR2 (controller (control\$4 NEAR2 circuit))) NEAR5 (receiv\$4) NEAR5 ((command access instruction) NEAR2 (information type)) NEAR5 (just only)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 11:53
S171	2	S169 WITH (just only)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/21 11:54
S172	92	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2010/01/21 12:14
S173	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2010/01/21 12:14
S174	533	(separat\$3 divid\$3) NEAR4 (access command) NEAR4 (address) NEAR4 (data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 09:04
S175	27	S174 WITH (processor CPU)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 09:05
S176	101	((MIN-SU) near2 (KIM)). INV.	US-PGPUB; USPAT	OR	ON	2010/06/30 13:03
S177	3	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/30 13:03
S178	10476	(transfer\$4 transmit\$4 receiv\$4 send\$4) WITH ((instruction command) NEAR2 (information op \$code)) WITH (memory buffer fifo storage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/30 14:25

S179	993	(transfer\$4 transmit\$4 receiv\$4 send\$4) WITH ((instruction command) NEAR2 (information op \$code)) WITH ((disk disc memory buffer fifo storage) NEAR2 (processor controller))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/30 14:25
S180	22763	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/30 14:26
S181	17	S180 AND S179	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/30 14:26
S182	2925	(transfer\$4 transmit\$4 receiv\$4 send\$4) WITH ((access\$3 instruction command) NEAR2 (information op\$code)) WITH ((disk disc memory buffer fifo storage) NEAR2 (processor control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/30 14:30
S183	2928	(transfer\$4 transmit\$4 receiv\$4 send\$4) WITH ((access\$3 instruction command) NEAR2 (information op\$code)) WITH ((disk disc memory buffer fifo storage) NEAR2 (processor control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 11:06
S184	22835	((717/168,171-173) or (710/1,15) or (345/204- 215,501,519-520,690- 699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/01 11:06
S185	50	S184 AND S183	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 11:06
S186	474	((transfer\$4 transmit\$4 receiv\$4 send\$4) NEAR3 (only just simply) NEAR3 ((access\$3 instruction command) NEAR2 (information op\$code)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 11:07

S187	9	S186 AND S184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 11:08
S188	24006	(710/1-74).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2010/07/01 11:09
S189	11	S186 AND S188	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 11:09
S190	48	("5321699" "5386422" "5469444" "4600933" "5511212" "5761110" "5831903" "6081454" "4500993" "4922418" "5515327" "5808932" "5841695" "5847990" "5867423" "5956369" "5982659" "6018559" "6137716" "6189082" "4247918" "4267569" "4339819" "4771399" "4811214" "4825363" "5010522" "5218569" "5274795" "5394362" "5499017" "5646521" "5654971" "5657270" "5680597" "5732250" "5748124" "5760435" "5912453" "5956743" "5968160" "5986958" "6005810" "6137714" "6211695" "6222760" "6211695" "6222760" "4504153" "4543642" ).pn.	US-PGPUB; USPAT	OR	ON	2010/07/01 12:03
S191	0	S186 AND S190	US-PGPUB; USPAT	OR	ON	2010/07/01 12:03
S192	0	S184 AND S190	US-PGPUB; USPAT	OR	ON	2010/07/01 12:03
S193	0	S183 AND S190	US-PGPUB; USPAT	OR	ON	2010/07/01 12:04
S195	12716	(discrete different separate independent) NEAR3 (buffer fifo memory) NEAR3 (controller processor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:01

S196	13926	(transfer\$4 transmit\$4 receiv\$4 send\$4) NEAR3 (access\$3 instruction command) NEAR2 (type information op\$code) NEAR3 (processor control \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:02
S197	256	S195 AND S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:02
S198	12	S195 SAME S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:02
S199	879	S195 AND (S184 S188)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:05
S200	222	S195 AND (S184)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:05
S201	14770	(transfer\$4 transmit\$4 receiv\$4 send\$4 split\$4 decod\$4) NEAR3 (access\$3 instruction command) NEAR2 (type information op \$code) NEAR3 (processor control\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:06
S202	33455	((transfer\$4 transmit\$4 receiv\$4 send\$4 split\$4 decod\$4) NEAR3 (((access \$3 instruction command) NEAR2 (type information op \$code)) read\$3 writ\$3) NEAR3 (processor control \$4)) WITH (memory storage RAM ROM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:07
S203	5	S202 SAME ((separate discrete independent) NEAR2 (buffer fifo))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:08

S204	5002	(controller processor) NEAR2 ((read\$3 writ\$3 control) NEAR2 (signal)) NEAR2 (memory storage RAM EEPROM ROM flash disk disc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:10
S205	371	S204 SAME ((separat\$4 decod\$3 divid\$3) NEAR2 (address data command instruction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:11
S206	18	S205 AND (S184 S188)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/01 13:11

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S207	113	((RAM ROM) AND (data) AND (address) AND (command instruction) AND (decod\$3) AND (processor controller) AND (memory storage) AND (buffer fifo)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/07/01 15:35
S208	87	((RAM ROM) AND (data) AND (address) AND (command instruction) AND (decod\$3) AND (processor controller) AND (memory storage) AND (buffer fifo) AND (signal)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/07/01 15:35
S209	1	((RAM ROM) AND (data) AND (address) AND (command instruction) AND (decod\$3) AND (general NEAR2 operation NEAR2 processor) AND (memory storage) AND (buffer fifo) AND (signal)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/07/01 15:36



S210	2	((RAM ROM) AND (data) AND (memory NEAR2 map\$4 NEAR2 address) AND (command instruction) AND (decod \$3) AND (processor controller) AND (memory storage) AND (buffer fifo) AND (signal)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/07/01 15:38
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**7/ 2/ 2010 10:30:32 AM****C:\ Documents and Settings\ rfranklin\ My Documents\ EAST\ Workspaces\ 10730960.wsp**